

#16/ Formal Drawing
R. Morgan
11/1/96

780.29643CX1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Thomas J. CAMPANA, Jr.

Serial No.:

08/443,430

Filed:

May 18, 1995

For:

ELECTRONIC MAIL SYSTEM WITH RF
COMMUNICATIONS TO MOBILE PROCESSORS

Group:

2608

Examiner:

G. Oehling

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GROUP 250
GO:LM

**RE-TRANSMITTAL OF FORMAL DRAWINGS
AND RESPONSE TO OBJECTION TO THE
DRAWINGS OF OBTAINING DESCRIPTIVE MATTER**

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

September 20, 1996

Sir:

Transmitted herewith are twelve (12) sheets of Formal
Drawings (non-bristol boards) showing Figs. 1-12 in the
above-identified application in compliance with the provisions of
Rule 84.

Reconsideration of the Official Draftsman's ruling that the
legends in Figs. 2, 6 and 11 contain objectionable descriptive
matter is respectively requested. United States Patent
5,438,611, which has the same exact filing date of this
application and which contains identical drawings, issued with
the legends in Figs. 2, 6 and 11 which have been objected to in
this application. A photocopy of the drawings of those figures
from United States Patent 5,438,611 is enclosed along with a

photocopy of the Official Draftsman's acceptance therein of the legends in Figs. 2, 6 and 11 is enclosed. Accordingly, acceptance of the drawings transmitted herewith is respectfully requested.

Respectfully submitted,



Donald E. Stout
Registration No. 26,422
ANTONELLI, TERRY, STOUT & KRAUS
(703) 312-6600

Attachments

DES:dlh

The drawings filed (insert date) 6-10-94, are
A. not objected to by the Draftsperson under 37 CFR 1.84 or 1.152.
B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.
 Not black solid lines. Fig(s).
 Color drawings are not acceptable until petition is granted.

2. PHOTOGRAPHS. 37 CFR 1.84(b)

Photographs are not acceptable until petition is granted.

3. GRAPHIC FORMS. 37 CFR 1.84 (d)

Chemical or mathematical formula not labeled as separate figure. Fig(s).
 Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis. Fig(s).
 Individuals waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s).

4. TYPE OF PAPER. 37 CFR 1.84(e)

Paper not flexible, strong, white, smooth, nonshiny, and durable. Sheet(s).
 Erasures, alterations, overwritings, interlineations, cracks, creases, and folds not allowed. Sheet(s). *All sheets poor photo copy*

5. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable paper sizes:

21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)
21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)
21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)
21.0 cm. by 29.7 cm. (DIN size A4)
 All drawing sheets not the same size. Sheet(s).
 Drawing sheet not an acceptable size. Sheet(s).

6. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Paper size

21.6 cm. X 35.6 cm. 21.6 cm. X 33.1 cm. 21 cm. X 27.9 cm. 21 cm. X 29.7 cm. (8 1/2 X 14 inches) (8 1/2 X 13 inches) (8 1/2 X 11 inches) (DIN Size A4)
T 5.1 cm. (2") . 2.5 cm. (1") . 2.5 cm. (1") . 2.5cm.
L .64 cm. (1/4") .64 cm. (1/4") .64 cm. (1/4") .2.5 cm.
R .64 cm. (1/4") .64 cm. (1/4") .64 cm. (1/4") 1.5 cm
B .64 cm. (1/4") .64 cm. (1/4") .64 cm. (1/4") 1.0 cm.

Margins do not conform to chart above.

Sheet(s).
 Top (T) Left (L) Right (R) Bottom (B)

7. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

All views not grouped together. Fig(s).
 Views connected by projection lines. Fig(s).
 Views contain center lines. Fig(s).

Partial views. 37 CFR 1.84(h)(2)

Separate sheets not linked edge to edge. Fig(s).
 View and enlarged view not labeled separately. Fig(s).
 Long view relationship between different parts not clear and unambiguous. 37 CFR 1.84(h)(2)(ii)
Fig(s).

Sectional views. 37 CFR 1.84(h)(3)

Hatching not indicated for sectional portions of an object. Fig(s).
 Hatching of regularly spaced oblique parallel lines not spaced sufficiently. Fig(s).
 Hatching not at substantial angle to surrounding axes or principal lines. Fig(s).
 Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s).
 Hatching of juxtaposed different elements not angled in a different way. Fig(s).

Alternate position. 37 CFR 1.84(h)(4)

A separate view required for a moved position. Fig(s).

Modified forms. 37 CFR 1.84(h)(5)

Modified forms of construction must be shown in separate views. Fig(s).

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

View placed upon another view or within outline of another. Fig(s).
 Words do not appear in a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s).

9. SCALE. 37 CFR 1.84(k)

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s).
 Indication such as "actual size" or "scale 1/2" not permitted. Fig(s).
 Elements of same view not in proportion to each other. Fig(s).

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (except for color drawings). Fig(s).

11. SHADING. 37 CFR 1.84(m)

Shading used for other than shape of spherical, cylindrical, and conical elements of an object, or for flat parts. Fig(s).
 Solid black shading areas not permitted. Fig(s).

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

Numbers and reference characters not plain and legible. 37 CFR 1.84(p)(1) Fig(s).
 Numbers and reference characters used in conjunction with brackets, inverted commas, or enclosed within outlines. 37 CFR 1.84(p)(1) Fig(s).
 Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(1) Fig(s).
 English alphabet not used. 37 CFR 1.84(p)(2) Fig(s).
 Numbers, letters, and reference characters do not measure at least .32 cm. (1/8 inch) in height. 37 CFR(p)(3) Fig(s).

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig(s).
 Lead lines missing. Fig(s).
 Lead lines not as short as possible. Fig(s).

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

Number appears in top margin. Fig(s).
 Number not larger than reference characters. Fig(s).
 Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s).

15. NUMBER OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s).
 View numbers not preceded by the abbreviation Fig. Fig(s).
 Single view contains a view number and the abbreviation Fig. Fig(s).
 Numbers not larger than reference characters. Fig(s).

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not durable and permanent. Fig(s).

17. DESIGN DRAWING. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s).
 Solid black shading not used for color contrast. Fig(s).

DRAWING REVIEW REQUEST
TRANSMITTAL

EXAMINING GROUP PERSONNEL—Please complete the top part of this transmittal and attach it to the complete set of drawings. Deliver drawings and this transmittal form to Drafting Branch.

Oehling

Examiner/Clerk

2608

Group/Art Unit

11/1/96

Date

08/443430

Application Number

12

Number of Sheet(s) of Drawings

TRANSMITTED:

Complete set of drawings for review. No previous PTO-948.

Complete set of drawings for review. Latest PTO-948 attached.

DRAFTING PERSONNEL—Complete new PTO-948 and return with drawing(s).

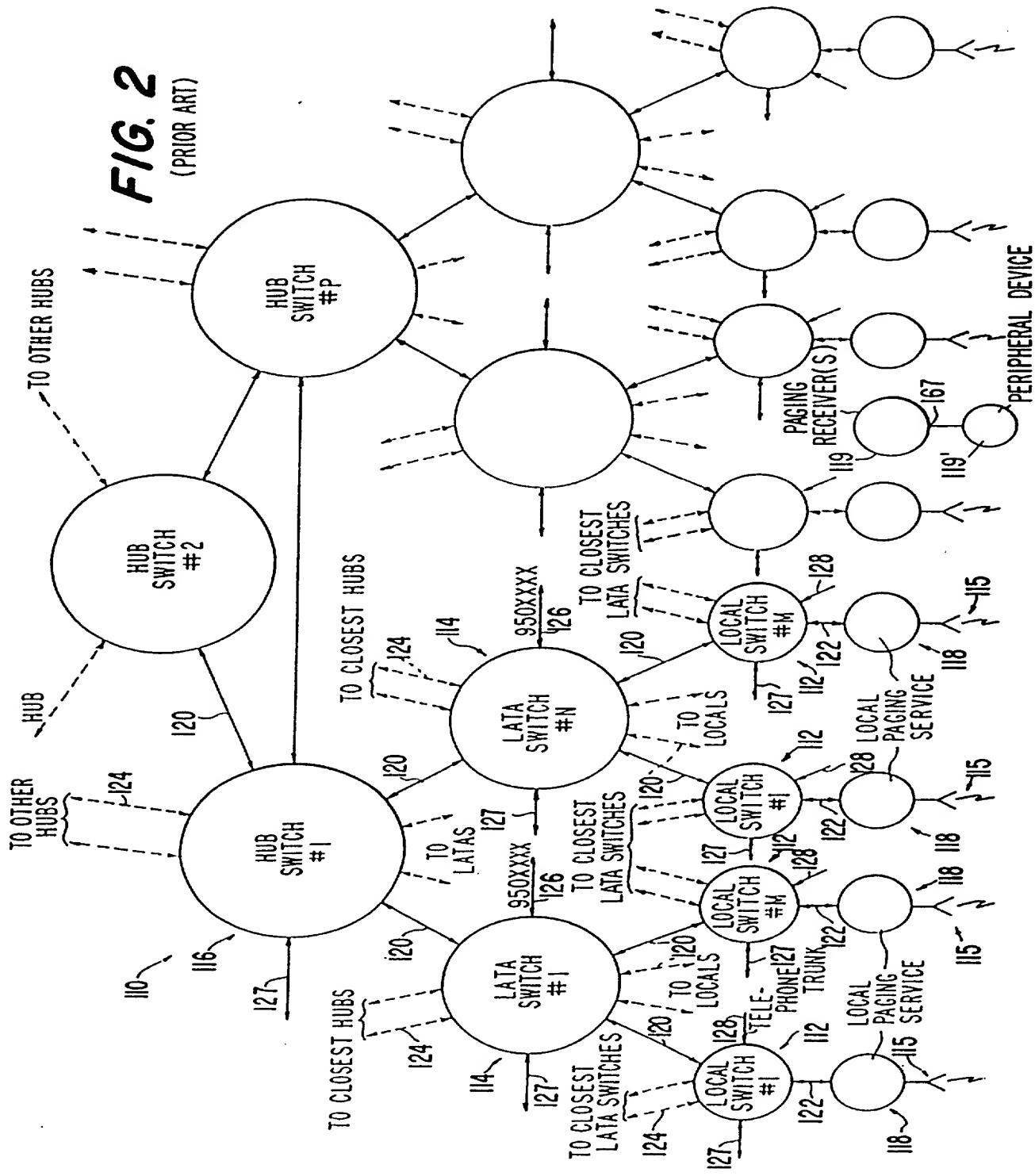
Comments: _____

RECEIVED

96 NOV -4 PM 11: 19

DRAFTING REVIEW BRANCH
PUBLICATIONS DIVISION

FIG. 2



APPLICANT	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

FIG. 3

(PRIOR ART)

LOCAL SWITCH MEMORY MAP

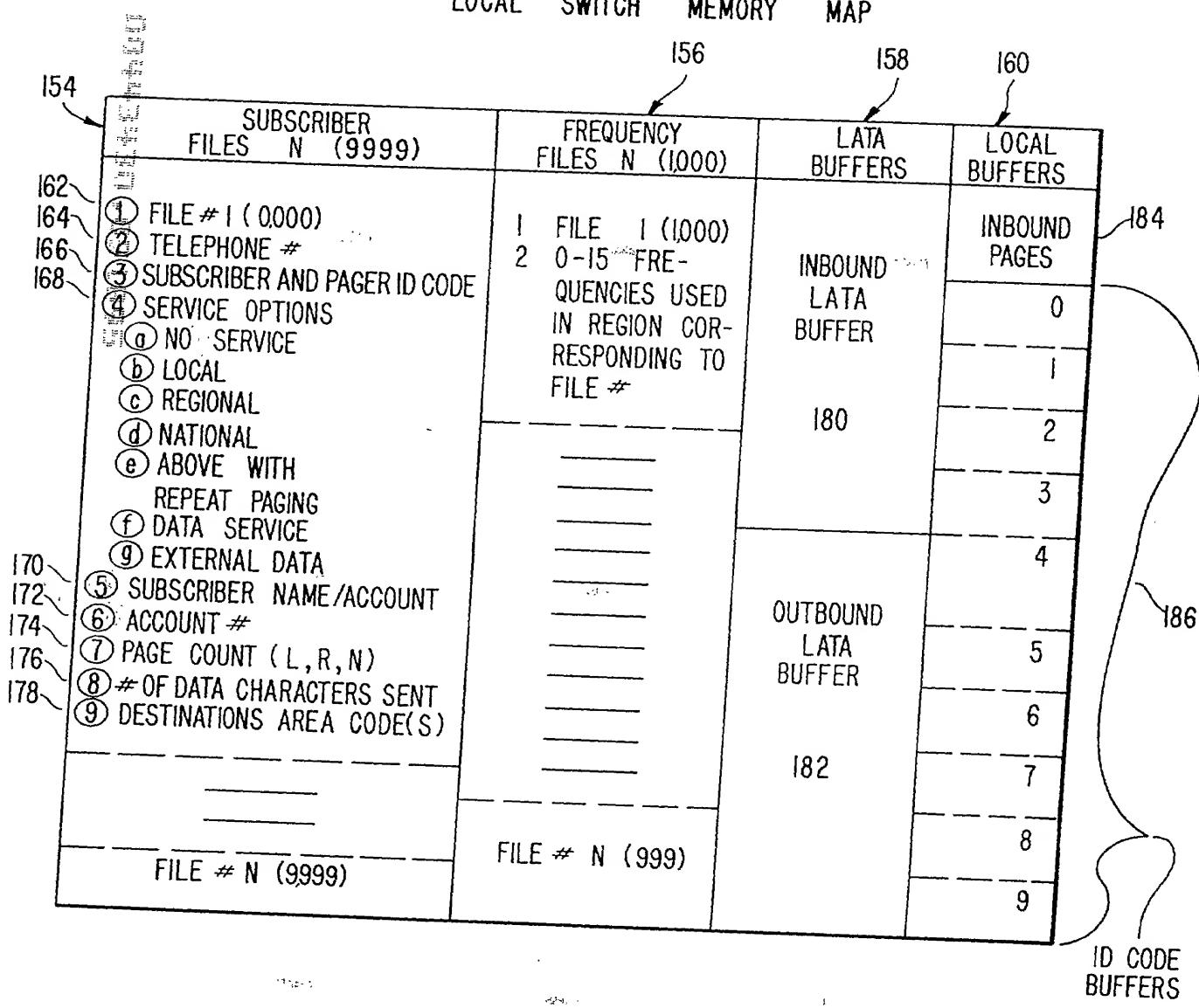
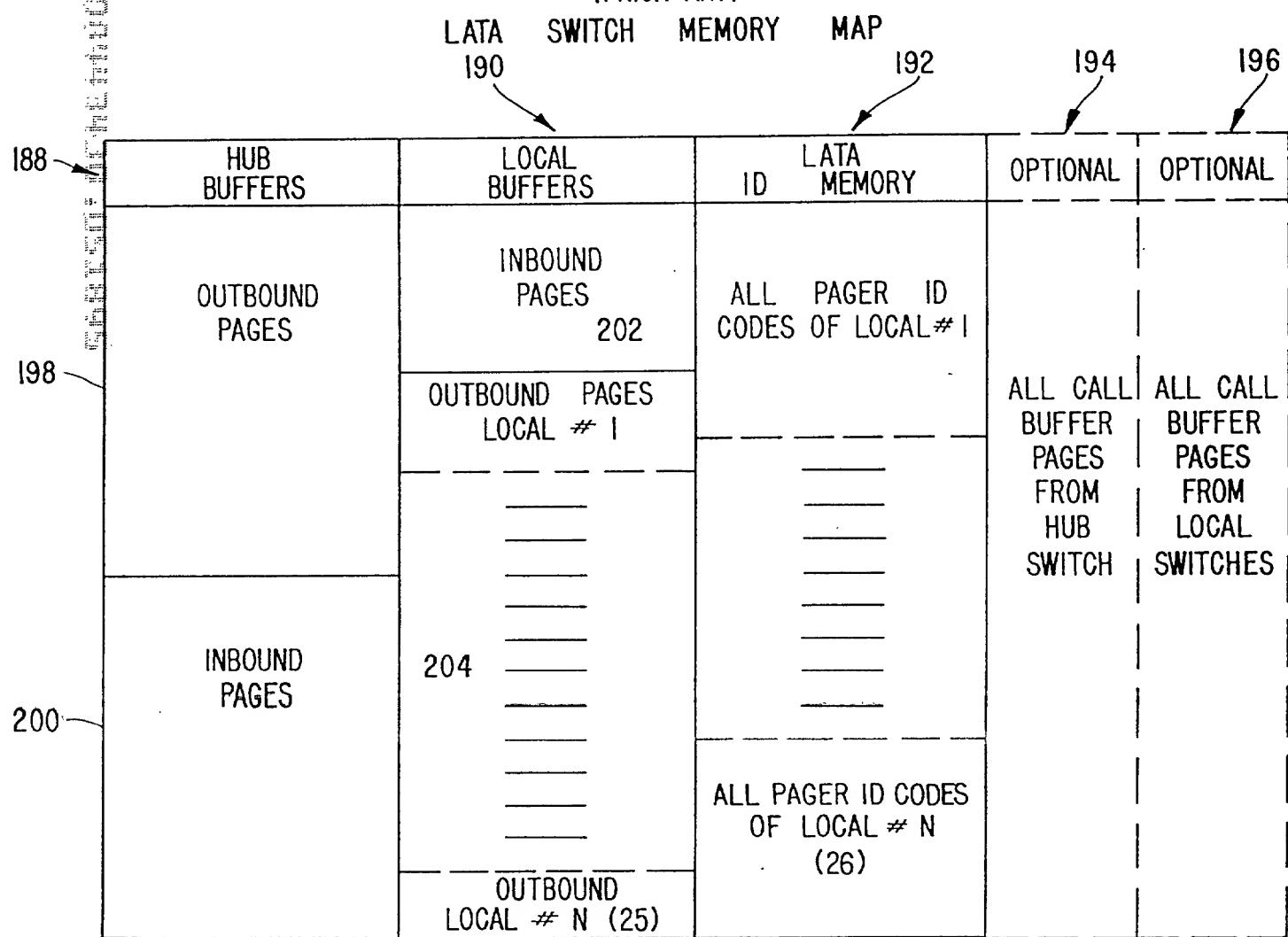


FIG. 4

(PRIOR ART)

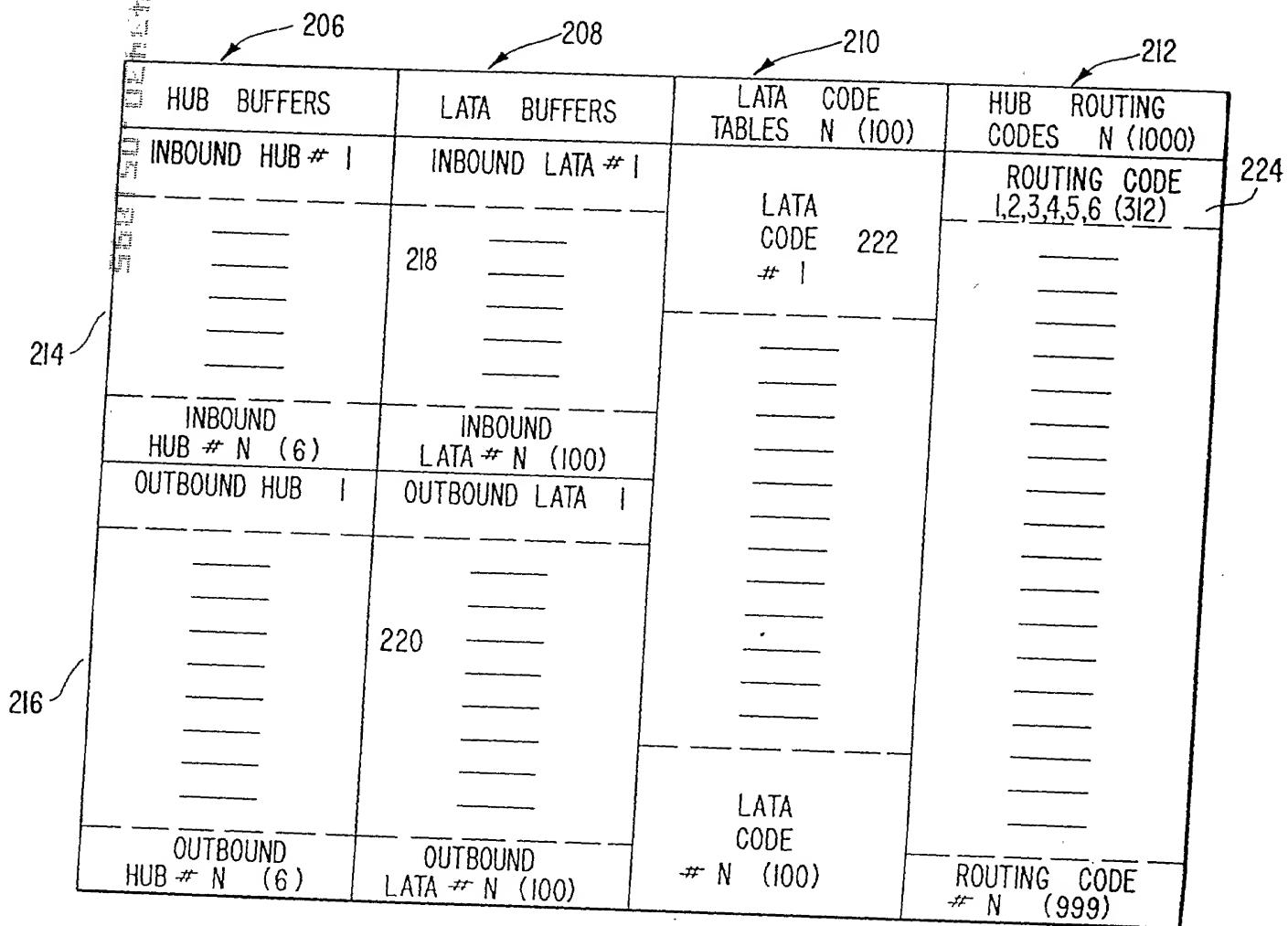


APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 5

(PRIOR ART)

HUB SWITCH MEMORY MAP

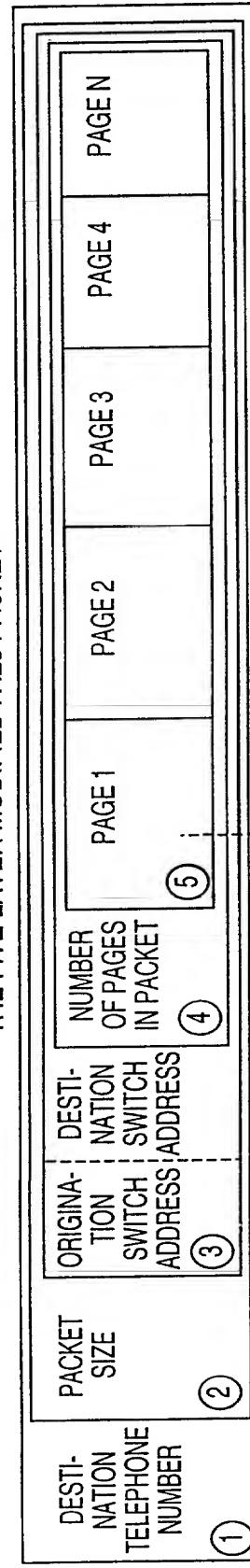


APPROVED	U.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

TELETYPE SYSTEM

FIG. 6
PRIOR ART

THE FIVE LAYER MODIFIED X.25 PACKET



MESSAGE DETAIL

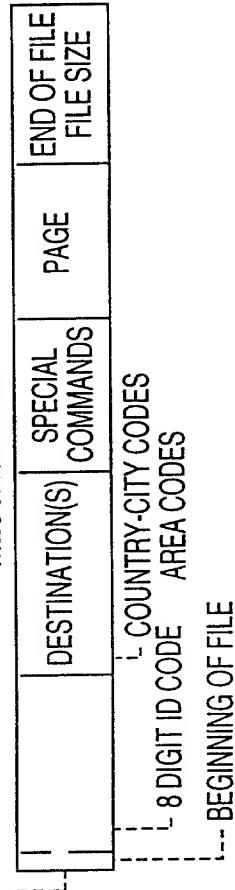


FIG. 7
PRIOR ART

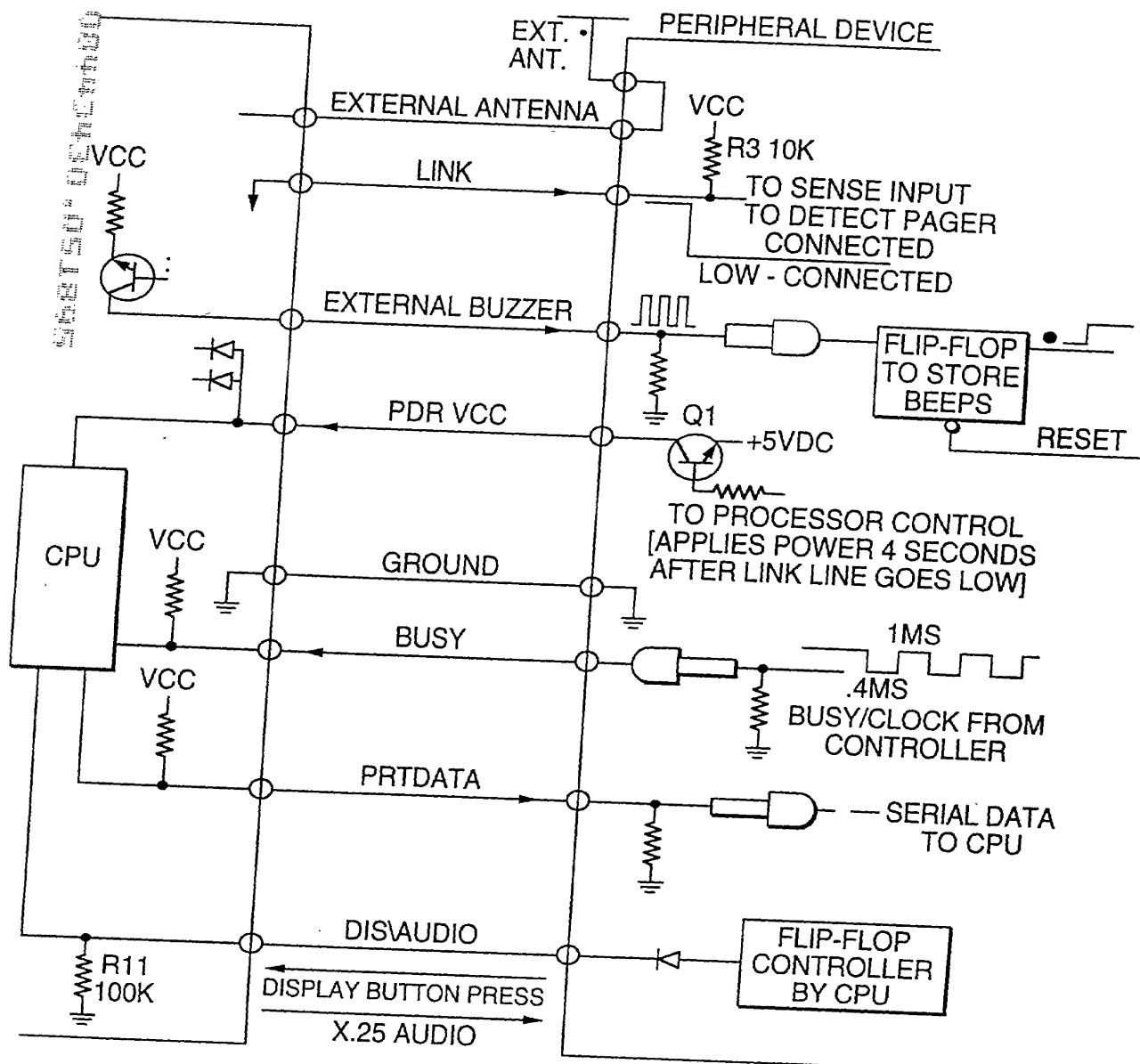
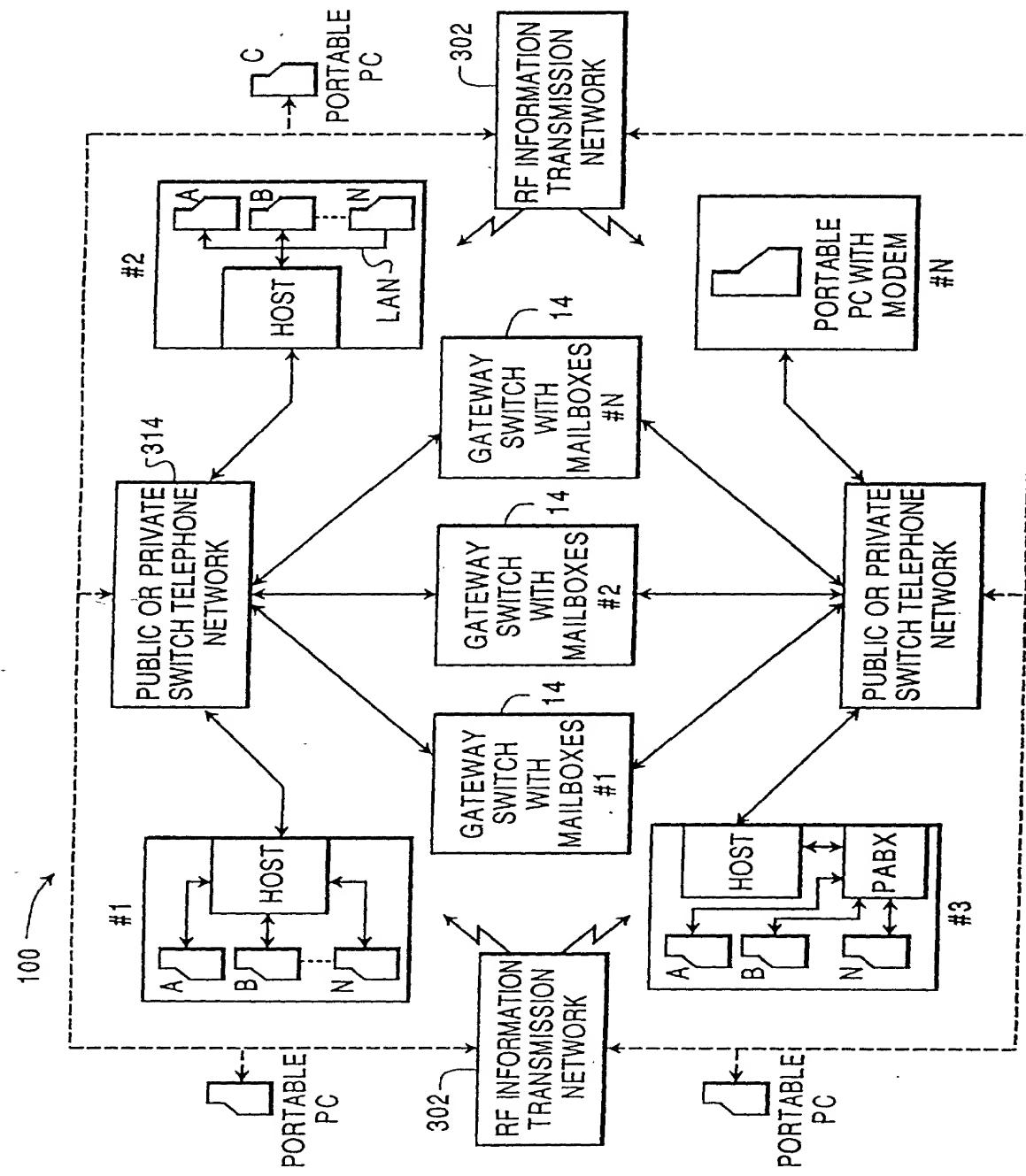


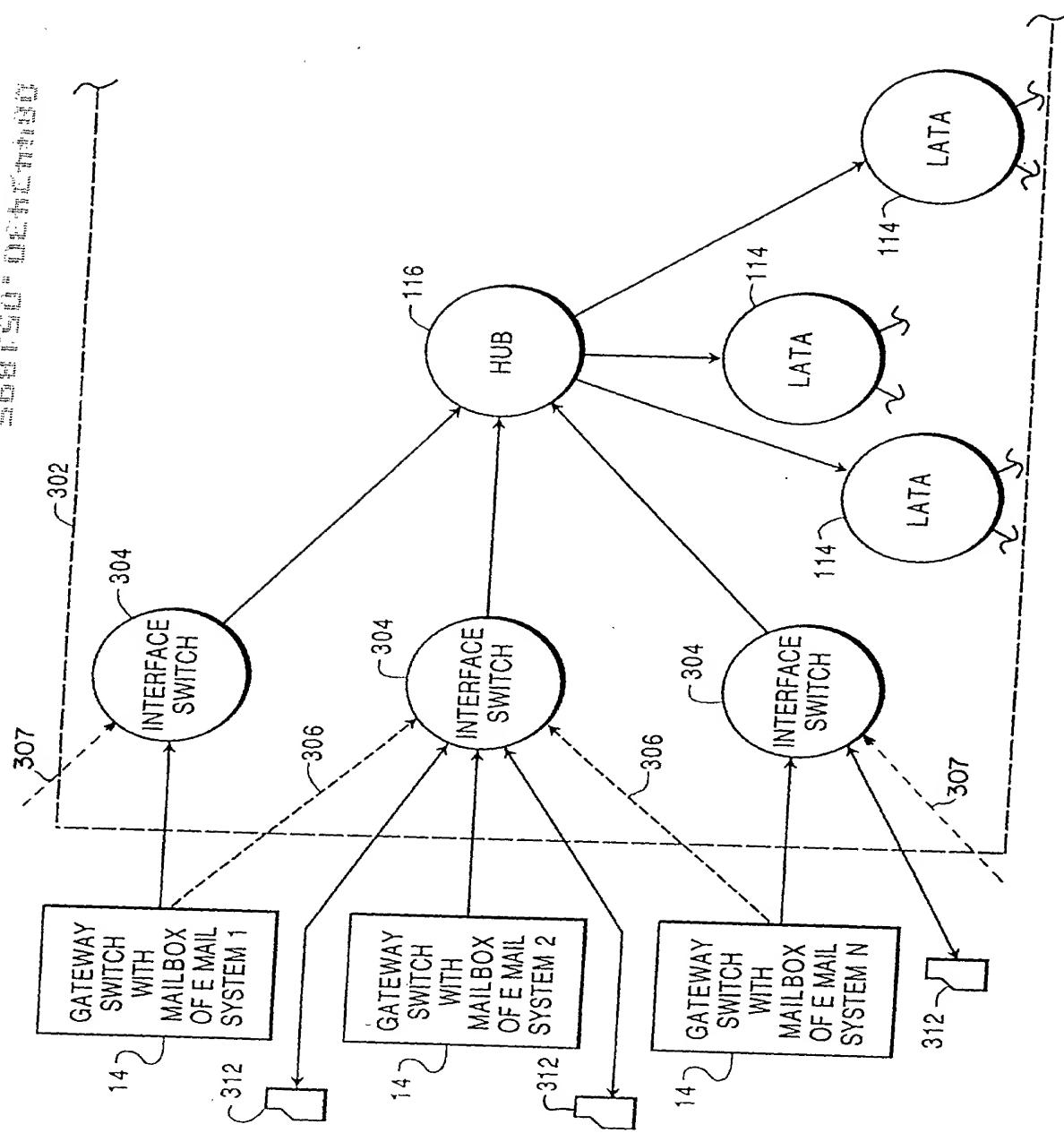
FIG. 8

100-00000000000000000000000000000000



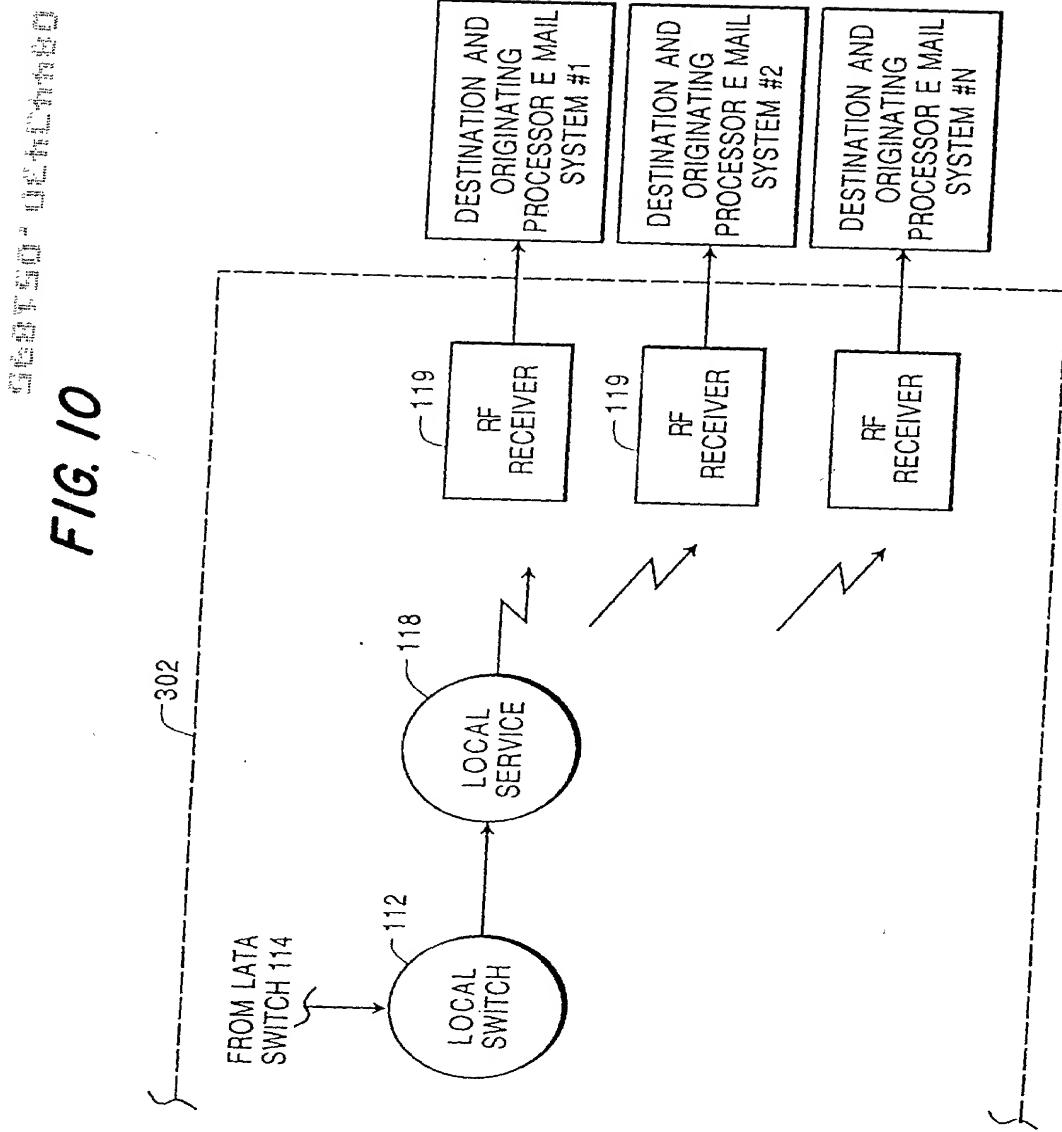
APPROVED	D.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

FIG. 9



APPROVED	O.G. FIG.
BY	CLASS
DRAFFSMAN	SUBCLASS

FIG. 10



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

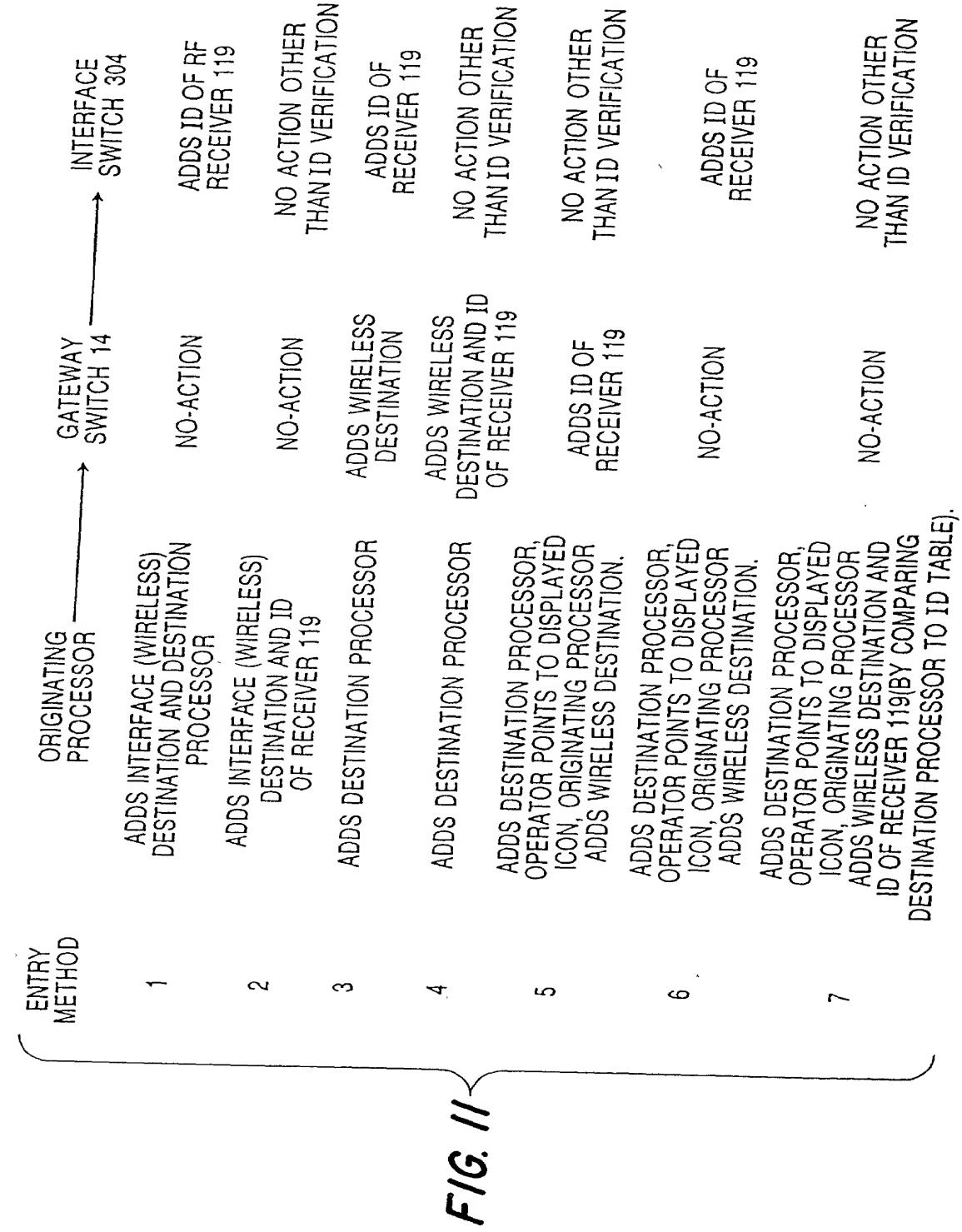
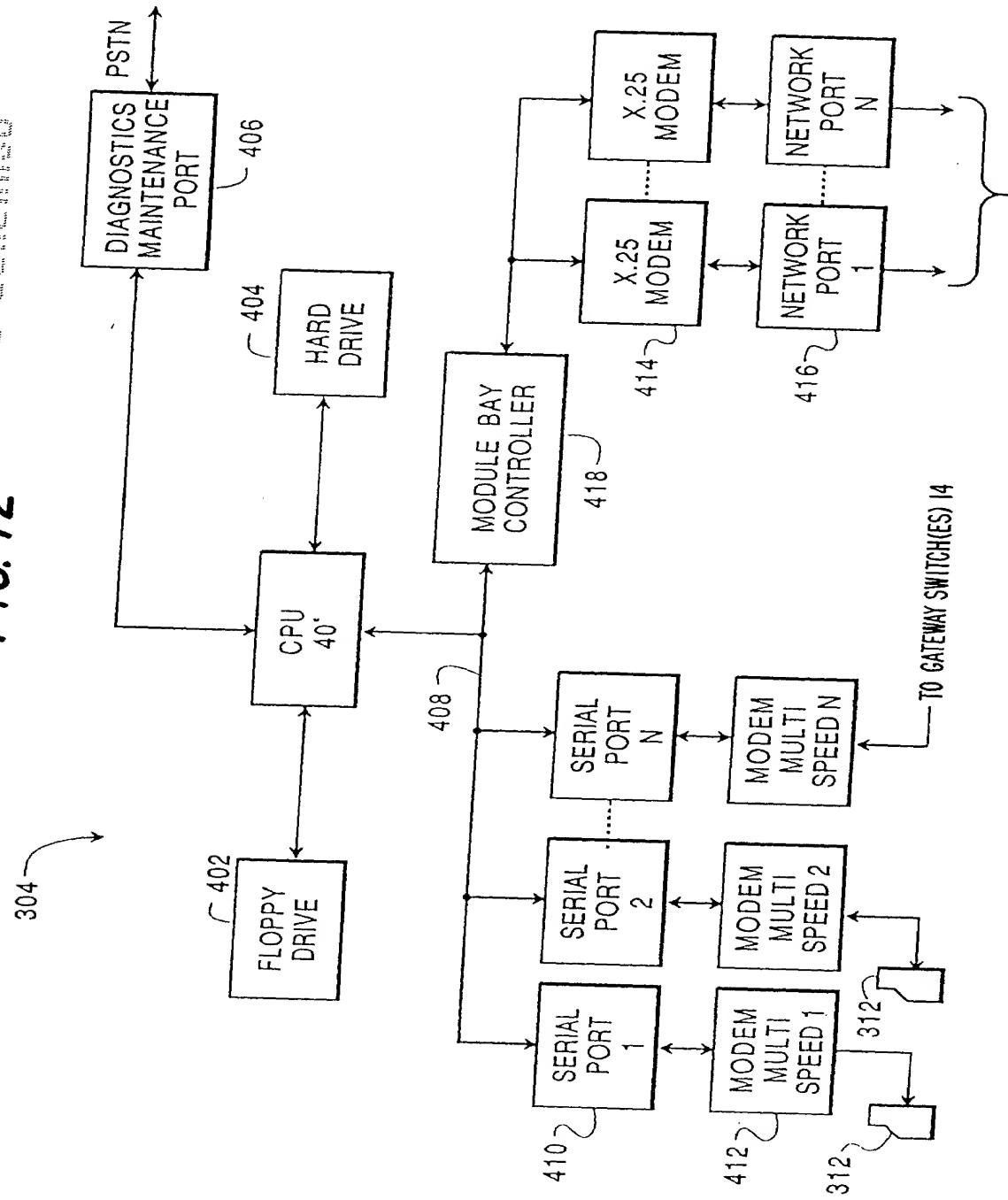


FIG. 12



NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftpersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404.

The drawings filed (insert date) 09/20/96 are
 A. not objected to by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.
 Not black solid lines. Fig(s)
 Color drawings are not acceptable until petition is granted.
 Fig(s)

2. PHOTOGRAPHS. 37 CFR 1.84(b)

Photographs are not acceptable until petition is granted.
 Fig(s)
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s)
 Poor quality (half-tone). Fig(s)

3. GRAPHIC FORMS. 37 CFR 1.84 (d)

Chemical or mathematical formula not labeled as separate figure.
 Fig(s)
 Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis.
 Fig(s)
 Individuals waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s)

4. TYPE OF PAPER. 37 CFR 1.84(c)

Paper not flexible, strong, white, smooth, nonshiny, and durable.
 Sheet(s)
 Erasures, alterations, overwritings, interlineations, cracks, creases, and folds, copy machine marks not accepted. Fig(s)

Mylar, vellum paper is not acceptable (too thin). Fig(s)

5. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)

21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)

21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)

21.0 cm. by 29.7 cm. (DIN size A4)

All drawing sheets not the same size. Sheet(s)

Drawing sheet not an acceptable size. Sheet(s)

6. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Paper size

21.6 cm. X 35.6 cm.	21.6 cm. X 33.1 cm.	21.6 cm. X 27.9 cm.	21.0 cm. X 29.7 cm.
(8 1/2 X 14 inches)	(8 1/2 X 13 inches)	(8 1/2 X 11 inches)	(DIN Size A4)
T 5.1 cm. (2")	2.5 cm. (1")	2.5 cm. (1")	2.5cm.
L .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	2.5 cm.
R .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.5 cm.
B .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.0 cm.

Margins do not conform to chart above.

Sheet(s) Top (T) Left (L) Right (R) Bottom (B)

Top (T) Left (L) Right (R) Bottom (B)

7. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

All views not grouped together. Fig(s)
 Views connected by projection lines or lead lines.

Fig(s)
 Partial views. 37 CFR 1.84(h) 2

COMMENTS:

View and enlarged view not labeled separately or properly.
 Fig(s)
 Sectional views. 37 CFR 1.84 (h) 3
 Hatching not indicated for sectional portions of an object.
 Fig(s)
 Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s)

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)

9. SCALE. 37 CFR 1.84(k)

Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.
 Fig(s)
 Indication such as "actual size" or scale 1/2" not permitted.
 Fig(s)

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (except for color drawings).
 Fig(s)

11. SHADING. 37 CFR 1.84(m)

Solid black shading areas not permitted.
 Fig(s)
 Shade lines, pale, rough and blurred. Fig(s)

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

Numbers and reference characters not plain and legible. 37 CFR 1.84(p)(1). Fig(s)

Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(1). Fig(s)

English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s)

Numbers, letters, and reference characters do not measure at least .32 cm. (1/8 inch) in height. 37 CFR(p)(3)

Fig(s)

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig(s)

Lead lines missing. Fig(s)

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r)

Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s)

15. NUMBER OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s)

View numbers not preceded by the abbreviation Fig. Fig(s)

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from prior PTO-948. Fig(s)

17. DESIGN DRAWING. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s)

Solid black shading not used for color contrast. Fig(s)